STUDENT’S NAME:

Instructions:

* Complete the information for each stage. (Remember: some of this information you collected with the collaboration of your teammates but you need to complete the design folder documentation in your own words).
* When you complete the information, save the file with the following name: name\_project1.docx (example: veronicamendoza\_project1.docx) and upload the file in the page “Project1 Design Folders” in Ms. Veronica wiki space: <http://myp3-tech-veronica.wikispaces.com/>
* Note: you need to request to join my wiki in case you did not before.

Identify the problem:

Design Brief

List 4 questions to research about the problem.

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List 4 reliable resources (magazines, books, e-books, online databases, experts, manuals, online tutorials) that could answer your questions. Remember to make citations properly.

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Design Specification

List the 3 requirements you must meet.  
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Add 2 of your own requirements:

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Write test you will use on final solution.

**Design the product/solution:**

**Create 2 completely different designs**

|  |  |  |
| --- | --- | --- |
| Materials | Sketches (with measurements) | Pros and Cons |
| Idea 1: |  | Pro  1.  2.  Con  1.  2. |
| Idea 2: |  | Pro  1.  2.  Con  1.  2. |

**Select one design and explain why.**

**Plan the product/solution:**

Lists the steps necessary to complete your design considering time and resources:

|  |  |  |
| --- | --- | --- |
| Steps | Resources | Time (hrs.) |
| 1. |  |  |
| 2. |  |  |
| 3. |  |  |
| 4. |  |  |
| 5. |  |  |
| 6. |  |  |
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* + - Use appropriate techniques and equipment competently
    - follow the plan
    - Create a product/solution of appropriate quality
    - Add a photo of your product here

**Evaluate the product/solution**

Test your product and after that answer the following questions:

How did your solution do against your test?

Evaluate the solution, state your opinion.

How could you improve your solution?

**Evaluate your use of the design cycle**

Explain how you did during each stage of the Design cycle.

* Investigate
* Design
* Plan

* Create

How did we build it with the design cycle? Did this cycle help you build it better?